

AMENDMENTS TO THE CLAIMS

Claims 1-15 (Cancelled)

16. (New) An electronics cabinet comprising:

an enclosure, an exterior surface of the enclosure having a lower air opening, an upper air opening, a number of lower mounting openings formed around the lower air opening, and a number of upper mounting openings formed around the upper air opening, the upper mounting openings not being formed around the lower air opening; and

a heat exchanger attached to the enclosure such that an interior of the enclosure and an interior region of the heat exchanger form an air tight and water tight unit, no part of the heat exchanger extending into the enclosure.

17. (New) The electronics cabinet of claim 16 wherein a minimum vertical separation between the lower air opening and the upper air opening is greater than a vertical distance across the upper air opening.

18. (New) The electronics cabinet of claim 17 wherein a distance between the upper air opening and the upper mounting openings that lie above the upper air opening, and a distance between the upper air opening and the upper mounting openings that lie below the upper air opening are substantially equal.

19. (New) The electronics cabinet of claim 18 and further comprising:  
a first gasket contacting the exterior surface, the first gasket having a center opening aligned with the lower air opening and a number of gasket openings that are formed around the center opening; and  
a second gasket contacting the exterior surface, the second gasket having a center opening aligned with the upper air opening and a number of gasket openings that are formed around the center opening of the second gasket.
20. (New) The electronics cabinet of claim 19 wherein a size of the lower air opening and a size of the center opening of the first gasket are substantially equal.
21. (New) The electronics cabinet of claim 18 wherein air flows into the enclosure from the upper air opening, and flows out of the enclosure from the lower air opening.
22. (New) The electronics cabinet of claim 18 wherein the exterior surface is a side wall surface.
23. (New) The electronics cabinet of claim 18 wherein the exterior surface is a door.

24. (New) The electronics cabinet of claim 16 wherein the heat exchanger includes an exterior plate, the exterior plate of the heat exchanger having a lower air opening, an upper air opening, a number of lower mounting openings formed around the lower air opening in the exterior plate, and a number of upper mounting openings formed around the upper air opening in the exterior plate, a size of the upper air opening in the exterior surface being less than a size of the upper air opening in the exterior plate.

25. (New) The electronics cabinet of claim 24 wherein a distance between the upper air opening in the exterior plate and the upper mounting openings in the exterior plate that lie above the upper air opening in the exterior plate, and a distance between the upper air opening in the exterior plate and the upper mounting openings in the exterior plate that lie below the upper air opening in the exterior plate are substantially equal.

26. (New) The electronics cabinet of claim 25 wherein a size of the lower air opening in the exterior surface and a size of the lower air opening in the exterior plate are substantially equal.

27. (New) The electronics cabinet of claim 25 and further comprising:  
a first gasket contacting the exterior surface, the first gasket having a center opening aligned with the lower air opening in the exterior surface and a number of gasket openings that are formed around the center opening; and  
a second gasket contacting the exterior surface, the second gasket having a center opening aligned with the upper air opening in the exterior surface and a number of gasket openings that are formed around the center opening of the second gasket.

28. (New) The electronics cabinet of claim 27 wherein a size of the lower air opening in the exterior surface, a size of the lower air opening in the exterior plate, and a size of the center opening of the first gasket are substantially equal.

29. (New) The electronics cabinet of claim 27 and further comprising a plurality of fasteners that pass through the lower mounting openings of the exterior surface, the lower mounting openings of the exterior plate, and the gasket openings of the first gasket.

30. (New) The electronics cabinet of claim 29 and further comprising a plurality of connectors that pass through the upper mounting openings of the exterior surface, the upper mounting openings of the exterior plate, and the gasket openings of the second gasket.

31. (New) The electronics cabinet of claim 30 wherein the fasteners and the connectors are a same device.

32. (New) The electronics cabinet of claim 16 wherein the exterior surface includes a top air opening spaced apart from the upper air opening, the upper mounting openings being formed around the top air opening.

33. (New) The electronics cabinet of claim 32 wherein the upper mounting openings are not formed between the upper air opening and the top air opening.

34. (New) The electronics cabinet of claim 33 wherein the heat exchanger includes an exterior plate, the exterior plate of the heat exchanger having a lower air opening, an upper air opening, a number of lower mounting openings formed around the lower air opening in the exterior plate, and a number of upper mounting openings formed around the upper air opening in the exterior plate, a combined size of the upper air opening and the top air opening in the exterior surface being less than a size of the upper air opening in the exterior plate.

35. (New) The electronics cabinet of claim 34 and further comprising:  
a first gasket contacting the exterior surface, the first gasket having a center opening aligned with the lower air opening and a number of gasket openings that are formed around the center opening; and  
a second gasket contacting the exterior surface, the second gasket having a center opening aligned with the upper air opening and a number of gasket openings that are formed around the center opening of the second gasket.